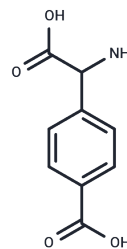


(RS)-4-Carboxyphenylglycine

Chemical Properties

CAS No. :	7292-81-1
Formula:	C ₉ H ₉ NO ₄
Molecular Weight:	195.17
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(RS)-4-Carboxyphenylglycine is a racemic mixture. (S)-4-Carboxyphenylglycine is a selective mGlu1 α receptor antagonist.
Targets(IC50)	Others, GluR

Solubility Information

Solubility	1eq. NaOH: 100 mMmg, H ₂ O: 5 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1237 mL	25.6187 mL	51.2374 mL
5 mM	1.0247 mL	5.1237 mL	10.2475 mL
10 mM	0.5124 mL	2.5619 mL	5.1237 mL
50 mM	0.1025 mL	0.5124 mL	1.0247 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Doherty AJ, Collingridge GL, Jane DE. Antagonist activity of alpha-substituted 4-carboxyphenylglycine analogues at group I metabotropic glutamate receptors expressed in CHO cells. Br J Pharmacol. 1999 Jan;126(1):205-10.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481